



Erosion Control Requirements for Single Family Construction

Due to an increased number of violations for sediment loss on single family sites, the City would like to remind all contractors that in order to ensure compliance with State and local regulations, all single family construction sites should at minimum maintain a construction entrance and install silt fence at the low side of the site.

**Details for the construction entrance and proper installation of silt fence can be found on the back of this sheet.*

Excerpts from the North Carolina General Statute

“Persons conducting land-disturbing activity shall take all reasonable measures to protect all public and private property from damage caused by such activities.” [15A NCAC 04B .0105]

Excerpts from the City of Raleigh Erosion & Sedimentation Control Ordinance [Section 10-5008]

Size of Site	Less than 12,000 sq. ft.	Between 12,000 sq. ft. and 1 acre (43,560 sq. ft.)	Greater than 1 acre (43,560 sq. ft.)
Plan required to be prepared and filed with the City:	No*	Yes	Yes

* The City has the right to require preparation and approval of soil erosion and sedimentation control plans where off-site sedimentation occurs; soil erosion and sedimentation control plans are required for any land-disturbing activity in any Reservoir Watershed Protection Area Overlay District, in any watercourse natural buffer yard established pursuant to Part 10, Chapter 9, Article B, Division 2, in open space areas, as defined in §10-9002, and any relocation of any natural watercourse.

Penalties for non-compliance can include, but are not limited to, the following [Section 10-5014]:

Grading without a permit. Five thousand dollars (\$5,000.00) per day for failure to secure a valid required grading permit prior to conducting a land-disturbing activity.

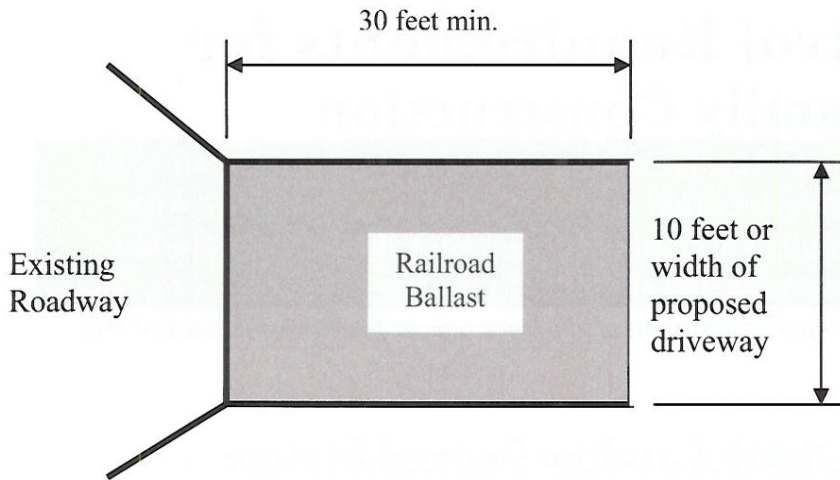
- Failure to protect. Five thousand dollars (\$5,000.00) per day for failure to take all reasonable measures to protect public property or private property, from damage caused by the failure to retain sediment on-site for the design storm.
- Failure to maintain permanent and/or temporary measures. Two thousand five hundred dollars (\$2,500.00) per day for failure to maintain adequate erosion control measures.
- Failure to keep dirt and mud off public streets. One thousand dollars (\$1,000.00) per day for failure to prevent the accumulation of dirt, mud, or both on public streets in violation of this chapter plus one dollar (\$1.00) per every (6) linear feet of street if cleaned by the City, its employees, or its contractors.

An additional civil penalty of one thousand dollars (\$1,000.00) per day shall be charged to any person assessed a civil penalty for any violation of this chapter within the prior two (2) years. No initial civil penalty shall exceed seven thousand five hundred (\$7,500.00); this limitation shall be inapplicable to continuous violations.

Any questions, please contact Ben Brown, Stormwater Development Supervisor at (919)516-2168 or email at ben.brown@ci.raleigh.nc.us

Required Construction Entrance Detail

Not to Scale

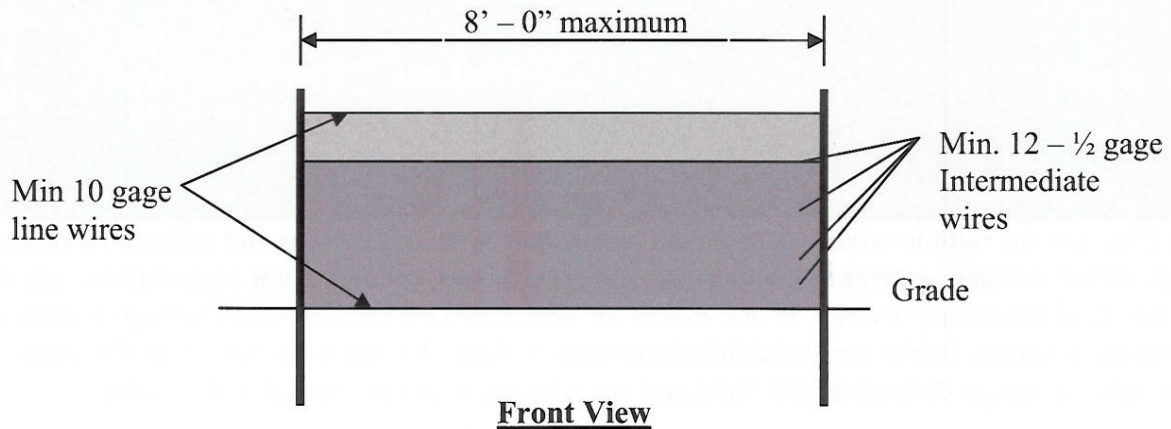


Notes:

1. If site must be permitted then the entrance will need to be extended to fifty feet minimum.
2. Install silt fence to ensure construction entrance is used.
3. Construction sites continuing to deposit mud and debris onto the public road will be subject to fine or other penalties.

Silt Fence Detail

Not to Scale



Notes:

1. Erosion control devices shall be installed prior to clearing of the lot.
2. Bottom of silt fence needs to be buried 6" with soil or washed stone.
3. Silt fence is to remain in place and be maintained properly until the entire area has been permanently stabilized. Failure to do so could result in a fine.

